



US Army Corps
of Engineers
Huntsville Center

Program Manager
(256) 895-1501/1397/1541
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Installation Support Center of Expertise

**RELEVANT
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*Proudly serving the Armed Forces and
the Nation now and in the future.*

Public Affairs Office (256) 895-1693
<http://www.hnd.usace.army.mil>

Huntsville Center is the Corps of Engineers' Installation Support Center of Expertise (ISCX). Huntsville Center's charter includes programs that are national/worldwide or broad in scope; require integrated facilities or systems that cross geographical boundaries; require a centralized management structure; or require commonality, standardization, multiple-site adaptation or technology transfer. Huntsville Center uses new technologies developed by the Corps laboratories and partners with Corps Districts to provide timely and cost effective installation support, thereby creating synergies in the "One Door to the Corps" support concept.

This support ranges from programmatic in nature for large geographically dispersed programs that involve centralized support with decentralized execution to partnering in executing challenging state-of-the-art projects. The ISCX is committed to providing outstanding mission and quality of life support services to military installations.

Huntsville Center
**links business practices and
innovative processes in support
of installations. This support
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executing challenging projects.**

- **Transformation/BRAC Support:**

Provides ACSIM and IMA with centralized programmatic support in the execution of master planning and MILCON programming. Leads and coordinates the execution of Facilities Requirements Analyses (RA) and Planning Charrettes (PC) as Army installations plan to move over 140,000 personnel over the next six years to support the AMF, IGPBS, and BRAC 2005 stationing initiatives. Support includes managing programmatic resources, normalizing costs associated with the execution of RAs and PCs, ensuring consistency of products, and performing quality assurance of services and deliverables provided by Districts and Contractors. Provides economic analyses for relocatable facilities (including lease/buy analyses) to Districts and Installations putting together relocatable facility request packages. Supports execution of MILCON Transformation by coordinating and integrating planning, programming and acquisition planning. MILCON Transformation is the DASA (I&H) directive to revise the MILCON acquisition and construction processes to provide cost effective facilities in a timely manner to support our soldiers and their families. For more information call (256) 895-8233.

- **Center of Standardization (COS):** In March 2006, Headquarters, Corps of Engineers named eight COSs for 41 facility types. Huntsville Center's COS is responsible for 15 facility types, including ranges, child development centers, emergency services facilities and physical fitness facilities. The COS develops and maintains Army Standards,

Installation Support Center of Expertise

and functional and technical requirements of Standard Designs. It participates in planning charrettes and performs reviews of DD Form 1391 and ENG Form 3086 scopes and costs for its facility types to ensure consistent implementation and compliance with the Army Standard. It supports the construction execution district PM as an integral member of the project delivery team, maintains lessons learned, and conducts market surveys and analyses to ensure use of up-to-date costs, materials and techniques. For more information call (256) 895-8233.

- **Ranges and Training Land.** Provides oversight and assistance for Range Modernization projects (both OMA and MILCON). Supports modernizing, equipping, operating and maintaining ranges and training areas. Provides project planning and programming services, including MILCON program development (DD Form 1391). Support includes land use studies, range development plans, analyses of alternatives, design and construction assistance, and deployed troops support. Develops and maintains standard designs for automated ranges. Provides Force Modernization services including force structure, equipment modernization and stationing assistance. Call (256) 895-1535 for more information.

- **DD Form 1391 Processor and Tri-Service Automated Cost Engineering System (TRACES).** Maintains the systems, provides training and hotline support. The DD Form 1391 Processor, an application of the PAX system, is a web-based system that assists users in preparing, submitting, reviewing, correcting, printing and

archiving the DD Form 1391 and associated data. Supporting programs include ECONPACK, ISCE, PC-COST, ENG 3086 and DD 1390. TRACES provides the capability to prepare detailed cost estimates (MCACES-Second Generation), parametric cost estimates (PACES/RACER), life cycle cost analyses, cost risk analyses, area cost factors and analyses of historical military construction projects. The Cost Book contains price data for more than 20,000 construction line items that are utilized by the above modules. For more information about DD Form 1391 call (256) 895-1831. For more about TRACES call (256) 895-1842.

- **DD 1391/ENG 3086.** Supports the Corps of Engineers and ACSIM by providing programmatic oversight of DD Forms 1391, supporting documentation and ENG Forms 3086 for the MILCON Program. Reviews, validates and approves the ENG Forms 3086 and performs consistency reviews of DD Forms 1391. Reviews and approves economic analyses. Call (256) 895-1571 for more information.

- **Facilities De-construction/Reduction.** Supports the planning, management and execution of the Army-wide Facilities Reduction Program. The goal is to remove excess facilities in a cost effective and environmentally sound manner. Call (256) 895-8232 for more information.



Building on Fort Myer, Va. imploded

- **Installation Physical Security.** Provides the full spectrum of capabilities from planning through life-cycle management. Support for Army installations worldwide includes physical security assessments, procurement and installation of physical security equipment, and

Installation Support Center of Expertise

support for the Automated Installation Entry (AIE) Program. For more information call (256) 656-8007.

• **Electronic Security Systems (ESS), Utility Monitoring and Control Systems (UMCS), Heating Ventilation and Air Conditioning (HVAC), and Fire Alarm Systems (FAS).** Provides cradle-to-grave services, including criteria development, site surveys, project scoping, design, procurement, installation, performance testing, acceptance, monitoring and maintenance for ESS, UMCS, HVAC and FAS.

Evaluates existing systems and recommends necessary improvements. For more information about ESS call (256) 895-1243. For information about UMCS, HVAC and FAS call (256) 895-1753.

• **Commercial Utilities (Acquisition, Sales and Rate Interventions).**

Provides guidance and support to CONUS installations' utility procurement and sales programs to ensure reliable utility services are acquired at fair cost. Assists installations with negotiations with both utility companies and resale customers. Performs technical and legal reviews and approves utility services acquisition contracts that have a cost exceeding \$500,000 annually. Approves utility resale rates, off-post sales contracts, and on-post sales contracts exceeding \$500,000 annually. Provides utility rate analyses to installations to ensure utilities are being purchased at the best

possible rate. Provides technical support for utility rate intervention proceedings before federal and state regulatory bodies to ensure reliable utility services are obtained in the most cost effective manner. For more information call (256) 895-1275.

Energy. Supports energy efficiency initiatives with tools such as Energy Savings Performance Contracting (ESPC), which provides solutions required to meet installations' energy goals and is a major third party financing tool used to achieve energy savings. Contractors provide the financing and perform energy-related infrastructure improvements, and the government repays the contractors from the resultant energy cost savings. Developing the Energy Engineering Analysis Program (EEAP), which leverages expertise and capabilities of USACE and DOE labs and other organizations.

This effort includes: 1) energy consumption assessments for selected facilities/installations, 2) evaluate, identify, and recommend implementation options for energy conservation projects, 3) oversee implementation of selected options, 4) assist in sustaining local energy programs, 5) provide energy related training, and 6) water conservation and wastewater treatment. Resource Efficiency Manager (REM) Program provides contractors to identify energy efficiencies, water conservation, and renewable energy projects. The REM is expected to save substantially more than he/she costs. For more information call (256) 895-1417.

Furnishings. Provides procurement and delivery of furniture and furnishings for initial issue furnishings for MILCON and renovated UPH barracks, replacement barracks furnish-



New HVAC controls installed

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ings and trainee barracks as well as initial issue furnishings for MILCON and replacement administrative furnishings. Procurements are

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- **Focus on customers' needs**
- **Business processes**
- **Innovative contracting**
- **Partnerships that reduce boundaries**
- **Quantifiable team measures of success**
- **Reward employees based on their team's success**
- **Continuous improvement**

made from UNICOR or GSA-approved vendors. Call (256) 895-1552 for more information.

Facility Repair and Renewal. Fast track, efficient design-build contracting process for facility repairs, renovations and minor construction. Use of work plans prepared by the contractor instead of Government-furnished designs eliminates change orders due to design ambiguities, omissions or errors. Contractor guarantees that execution of its work plan will satisfy the specifications of a performance-oriented Statement of Work (SOW). Fair and reasonable construction price is achieved by competitive bidding among contractors, which then become the existing prime's subcontractor for the project. Best suited for projects that require engineering/design, have tight budget and schedule requirements, and cost \$250,000 or more. Call (256) 895-1193 for more information.

- **Contingency Support.** Provides technical and program management support for facilities planning and construction for OCONUS

(outside the continental U.S.) contingency operations, disaster and humanitarian relief efforts. Maintains the Theater Construction Management System (TCMS), a PC-based construction planning, design, management and reporting system used by military engineers to support these requirements. Call (256) 895-1844 for more information.

- **Directorate of Public Works (DPW) Logistics.** Provides guidance and assistance for management of the DPW supply and equipment programs. For more information call (256) 895-1275.

- **DPW Legal.** Provides legal advice on public works matters. Call (256) 895-1140 for more information.

Explosives Safety. Working with the DoD Explosives Safety Board and Army Technical Center for Explosives Safety, and in partnership with the Protective Design Center at Omaha, provides guidance and support for the development and review of explosive site safety plans, blast resistant designs and blast effects analyses. For more information call (256) 895-1651.



Explosive Effects testing: donor building detonation